ESGRAF4 FIRE Graphical User Interface

V4.1.8

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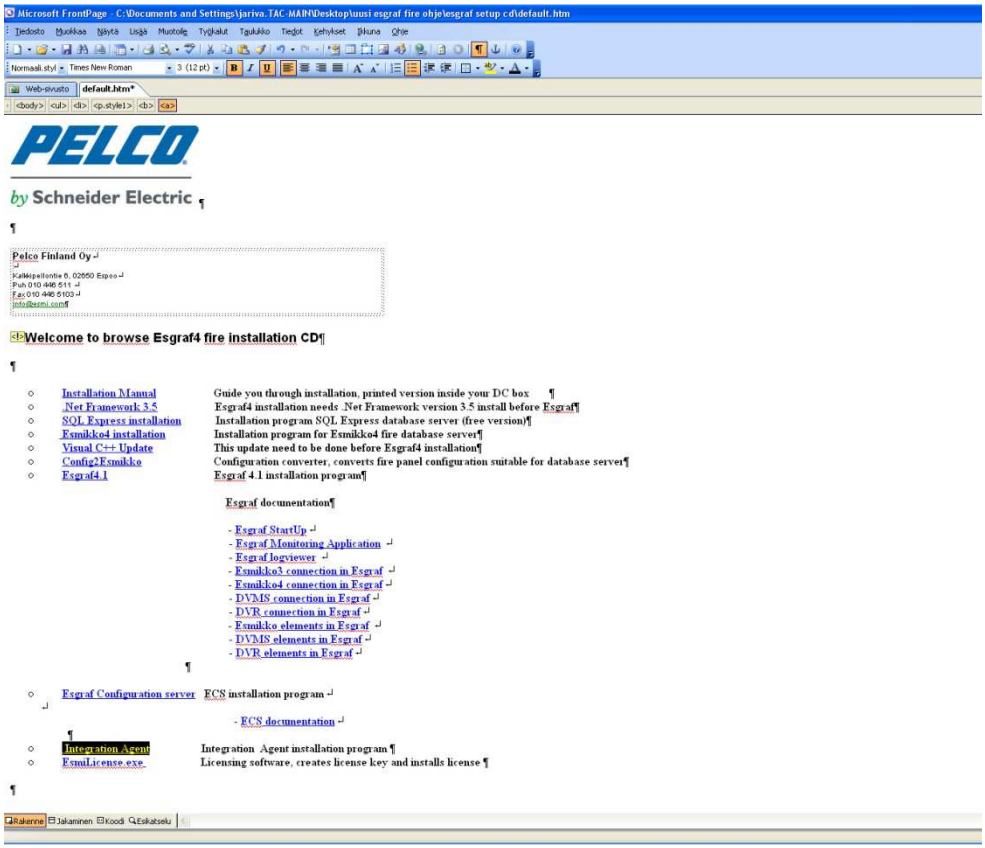
Before installation

Your installation CD should include following files.


Microsoft FrontPage - C:\Documents and Settings\jariva.TAC-MAIN\Desktop\uusi esgraf fire ohje\esgraf setup cd\default.htm
PELCO
by Schneider Electric
Pelco Finland Oy
Welcome to browse Esgraf4 fire installation CD
Installation Manual Guide you through installation, printed version inside your DC box
.Net Framework 3.5 Esgraf4 installation needs .Net Framework version 3.5 install before Esgraf
SQL Express installation Installation program SQL Express database server (free version)
Esmikko4 installation Installation program for Esmikko4 fire database server
Visual C++ Update This update need to be done before Esgraf4 installation
Config2Esmikko Configuration converter, converts fire panel configuration suitable for database server
Esgraf4.1 Esgraf 4.1 installation program
Esgraf documentation
- Esgraf StartUp
- Esgraf Monitoring Application
- Esgraf logviewer
- Esmikko3 connection in Esgraf
- Esmikko4 connection in Esgraf
- DVMS connection in Esgraf
- DVR connection in Esgraf
- Esmikko elements in Esgraf
- DVMS elements in Esgraf
- DVR elements in Esgraf
Esgraf Configuration server ECS installation program
- ECS documentation
IntegrationAgent Integration Agent installation program
EsmiLicense.exe Licensing software, creates license key and installs license

- ✓ Install **.net** framework before installing Esgraf(needed only winxp before servicepack3). Not included this cd (can be downloaded from extranet or from Microsoft)

- ✓ After **.net** installation continue with **Microsoft SQL server Express2008** and **Esmikko4** installation. Esmikko is server software for **Esagraf** where e.g. all detector data are located and it use SQL database. Both SQL Express and Esmikko4 have 2 installation options 32-bit and 64-bit that should select according used operating system.

- ✓ When you have finished Esmikko installation, please continue with Esgraf installation. During Esgraf installation you can select what kind of connection you need (only fire or also CCTV).

- ✓ If you need functional integration between fire and CCTV you should install also **IntegrationAgent**.

- ✓ After software installation you must license your product with **EsmiLicense.exe and ELISE extranet service.**

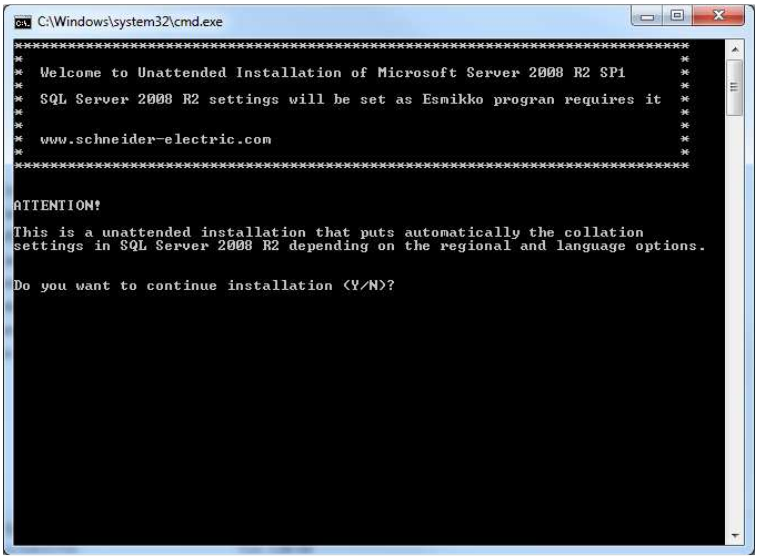
- ✓ When you are ready with the product license, you may start Esgraf for the first time and define your system configurations.

.Net Framework 3.5**(only old xp computers, with newer operating systems you can skip this part)**

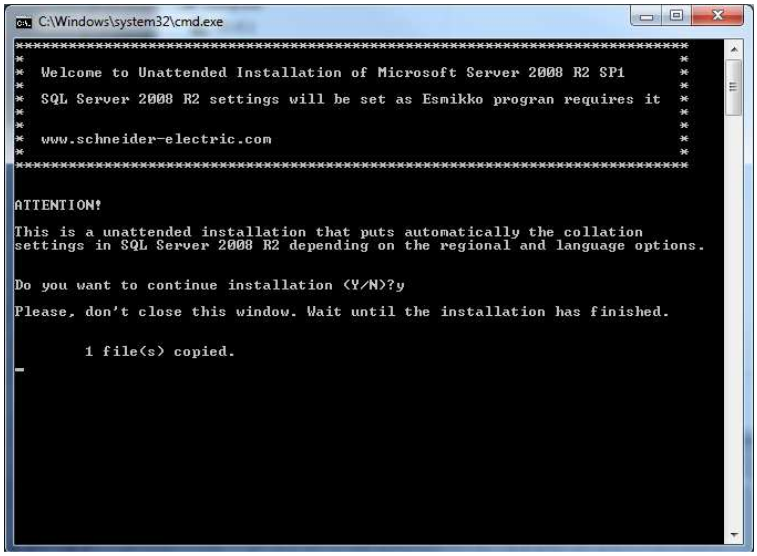
Please run **dotnetfx35.exe** from you installation CD even if you believe **.net** is already installed on you computer. You will get an announcement if **.net** is already installed and then you may cancel the installation, else continue with the installation.

MS SQL Express and Esmikk4 installation

You can start SQL Express 2008R2 installation by selecting from set up cd menu **Start SQL Express 2008 installation.** This will run **Install SQL2008R2 SP1 32-bit.bat (Install SQL2008R2 64-bit.bat for 64-bit operating systems)** from installation disk and starts installation. You will see following two windows on your on your display during the installation, continue installation typing **y** and press Enter.


C:\Windows\system32\cmd.exe
Welcome to Unattended Installation of Microsoft Server 2008 R2 SP1
SQL Server 2008 R2 settings will be set as Esmikko progran requires it
www.schneider-electric.com
ATTENTION!
This is a unattended installation that puts automatically the collation
settings in SQL Server 2008 R2 depending on the regional and language options.
Do you want to continue installation (Y/N)?

After this starts actual SQL Express installation and it can take from couple of minutes up to half an hour, depending your computer. You will also see some additional windows and if operating system may ask permission to copy or install files during installation, accept all of them.


C:\Windows\system32\cmd.exe
Welcome to Unattended Installation of Microsoft Server 2008 R2 SP1
SQL Server 2008 R2 settings will be set as Esmikko progran requires it
www.schneider-electric.com
ATTENTION!
This is a unattended installation that puts automatically the collation
settings in SQL Server 2008 R2 depending on the regional and language options.
Do you want to continue installation (Y/N)?y
Please, don't close this window. Wait until the installation has finished.
1 file(s) copied.

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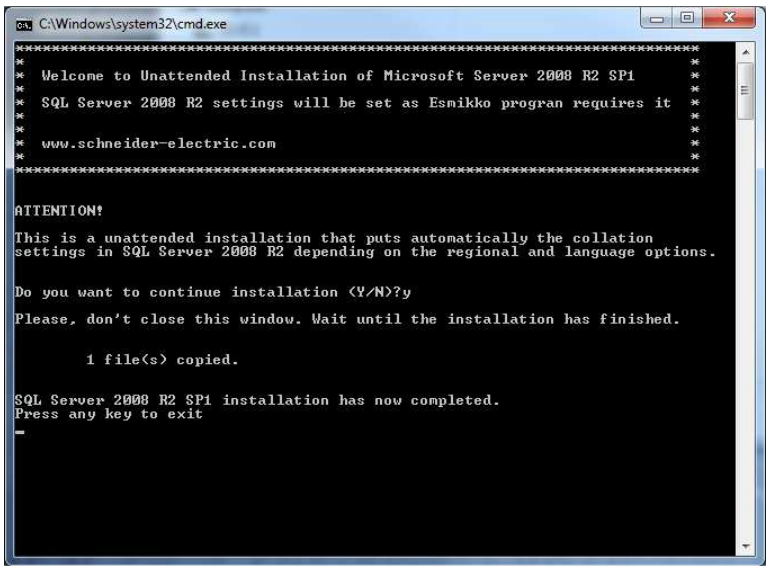
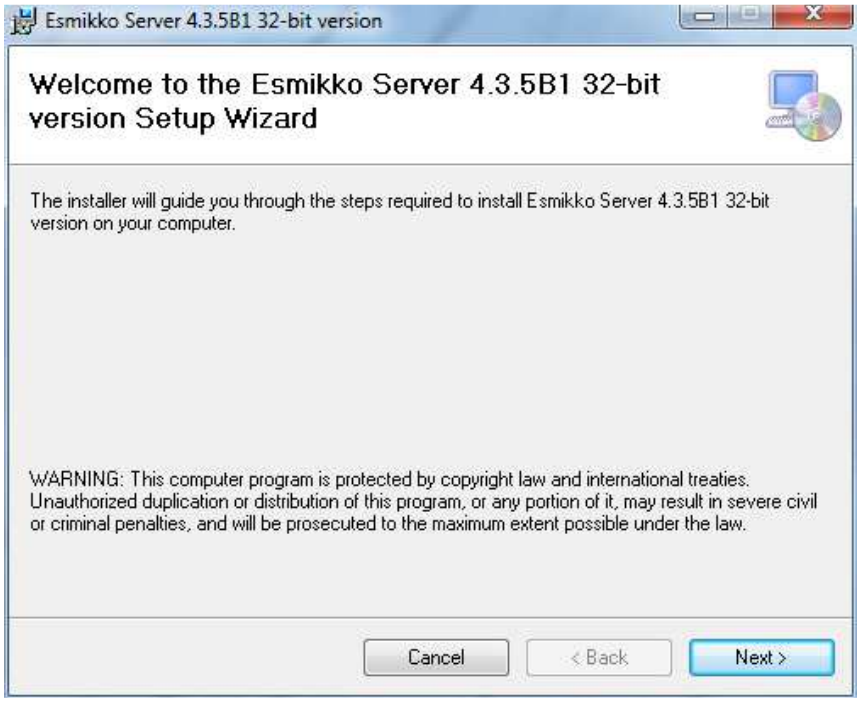

C:\Windows\system32\cmd.exe
Welcome to Unattended Installation of Microsoft Server 2008 R2 SP1
SQL Server 2008 R2 settings will be set as Esmikko progran requires it
www.schneider-electric.com
ATTENTION!
This is a unattended installation that puts automatically the collation settings in SQL Server 2008 R2 depending on the regional and language options.
Do you want to continue installation (Y/N)?y
Please, don't close this window. Wait until the installation has finished.
1 file(s) copied.
SQL Server 2008 R2 SP1 installation has now completed.
Press any key to exit

Now you have SQL instance in your computer named follows: **WSFI26DCF1C83J\ESMIKKO** Where the first part is your computer name and second \ESMIKKO is always the instance name. Remember this you will need this information during Esgraf and Integration agent installation.

Esmikko4 installation

Start Esmikko4 installation 32-bit/64bit version depending your operating system


Esmikko Server 4.3.5B1 32-bit version
Welcome to the Esmikko Server 4.3.5B1 32-bit version Setup Wizard
The installer will guide you through the steps required to install Esmikko Server 4.3.5B1 32-bit version on your computer.
WARNING: This computer program is protected by copyright law and international treaties. Unauthorized duplication or distribution of this program, or any portion of it, may result in severe civil or criminal penalties, and will be prosecuted to the maximum extent possible under the law.
Cancel
< Back
Next >

Continue with **Next** button.

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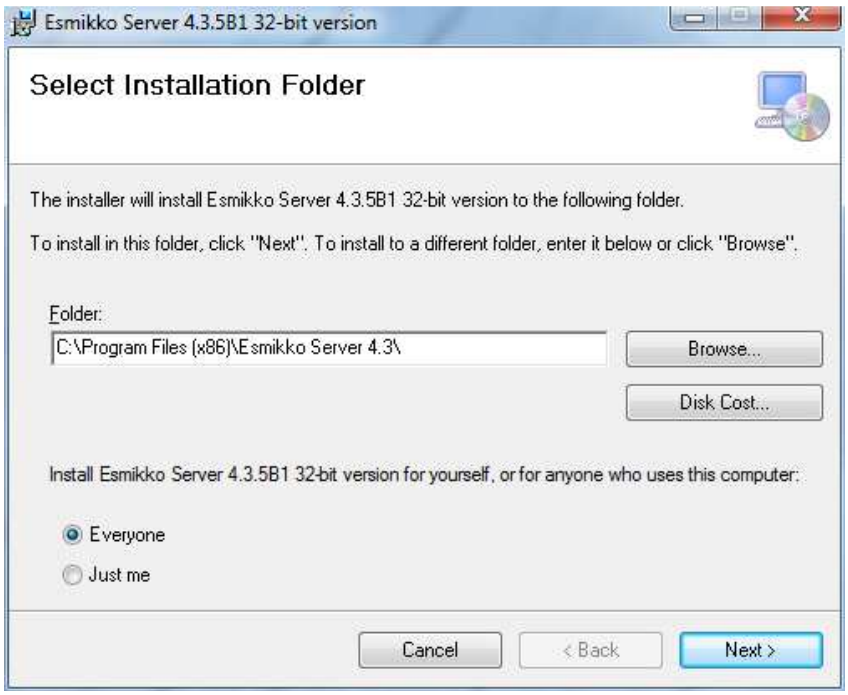
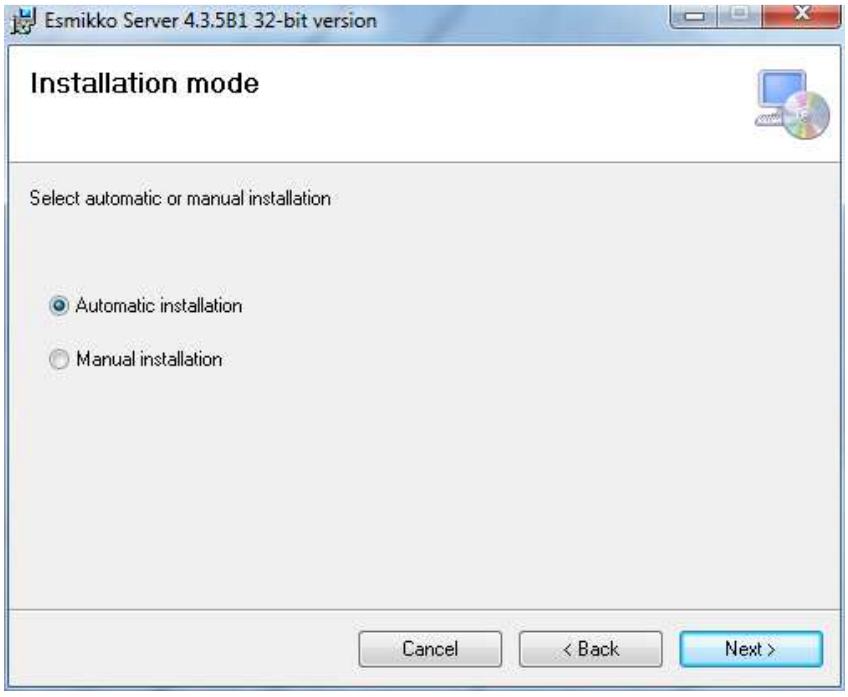

Esmikko Server 4.3.5B1 32-bit version
Select Installation Folder
The installer will install Esmikko Server 4.3.5B1 32-bit version to the following folder.
To install in this folder, click "Next". To install to a different folder, enter it below or click "Browse".
Folder:
C:\Program Files (x86)\Esmikko Server 4.3\
Browse...
Disk Cost...
Install Esmikko Server 4.3.5B1 32-bit version for yourself, or for anyone who uses this computer:
Everyone
Just me
Cancel
< Back
Next >

Use default installation folder (it may vary in different operating systems).
Esmikko 4.3.5 have option for automatic installation, in case of fire server installation you can always use automatic installation. **Next** button.



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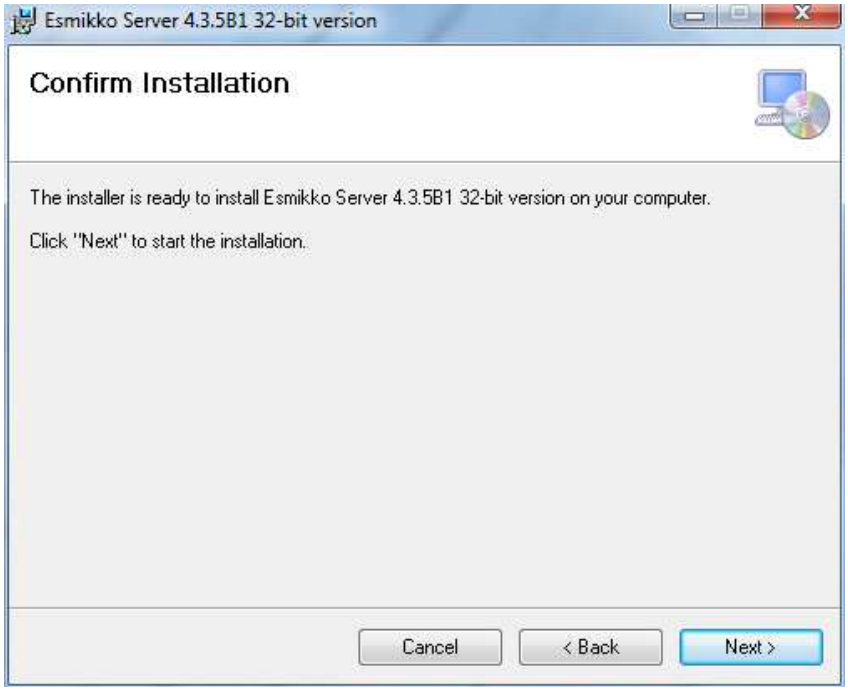
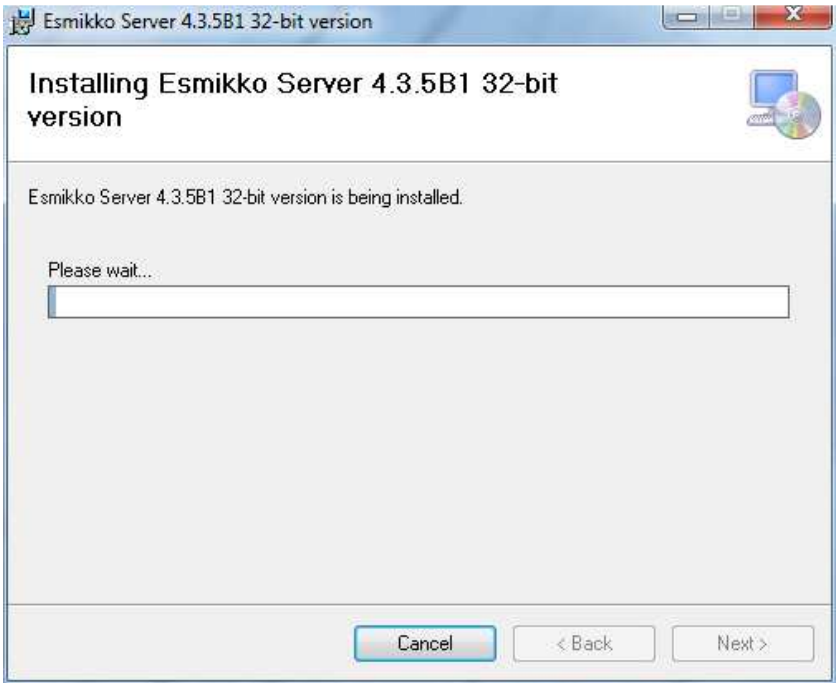
Esmikko is now ready for installation. Continue with **Next** button.


Esmikko Server 4.3.5B1 32-bit version
Confirm Installation
The installer is ready to install Esmikko Server 4.3.5B1 32-bit version on your computer.
Click "Next" to start the installation.
Cancel
< Back
Next >


Esmikko Server 4.3.5B1 32-bit version
Installing Esmikko Server 4.3.5B1 32-bit version
Esmikko Server 4.3.5B1 32-bit version is being installed.
Please wait...
Cancel
< Back
Next >

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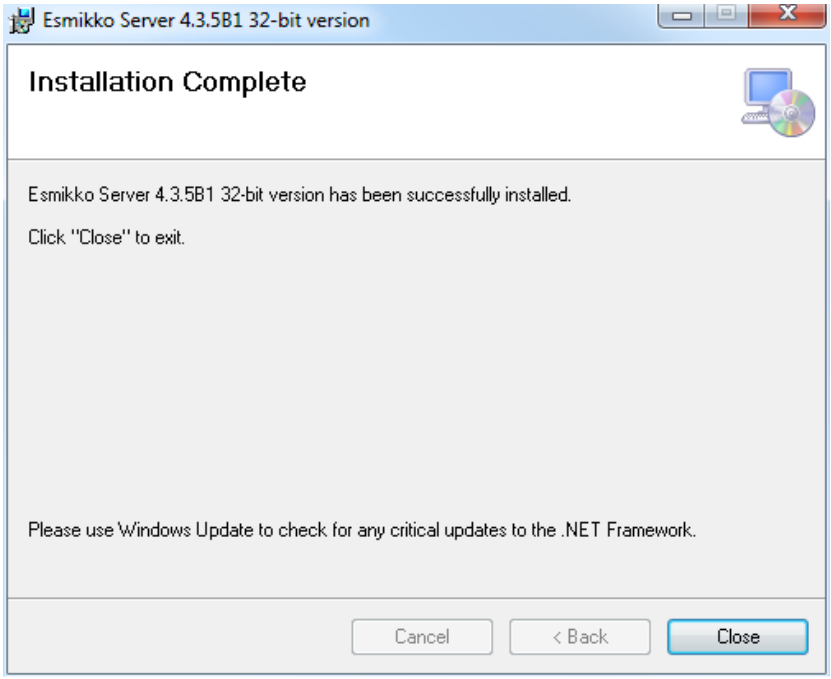
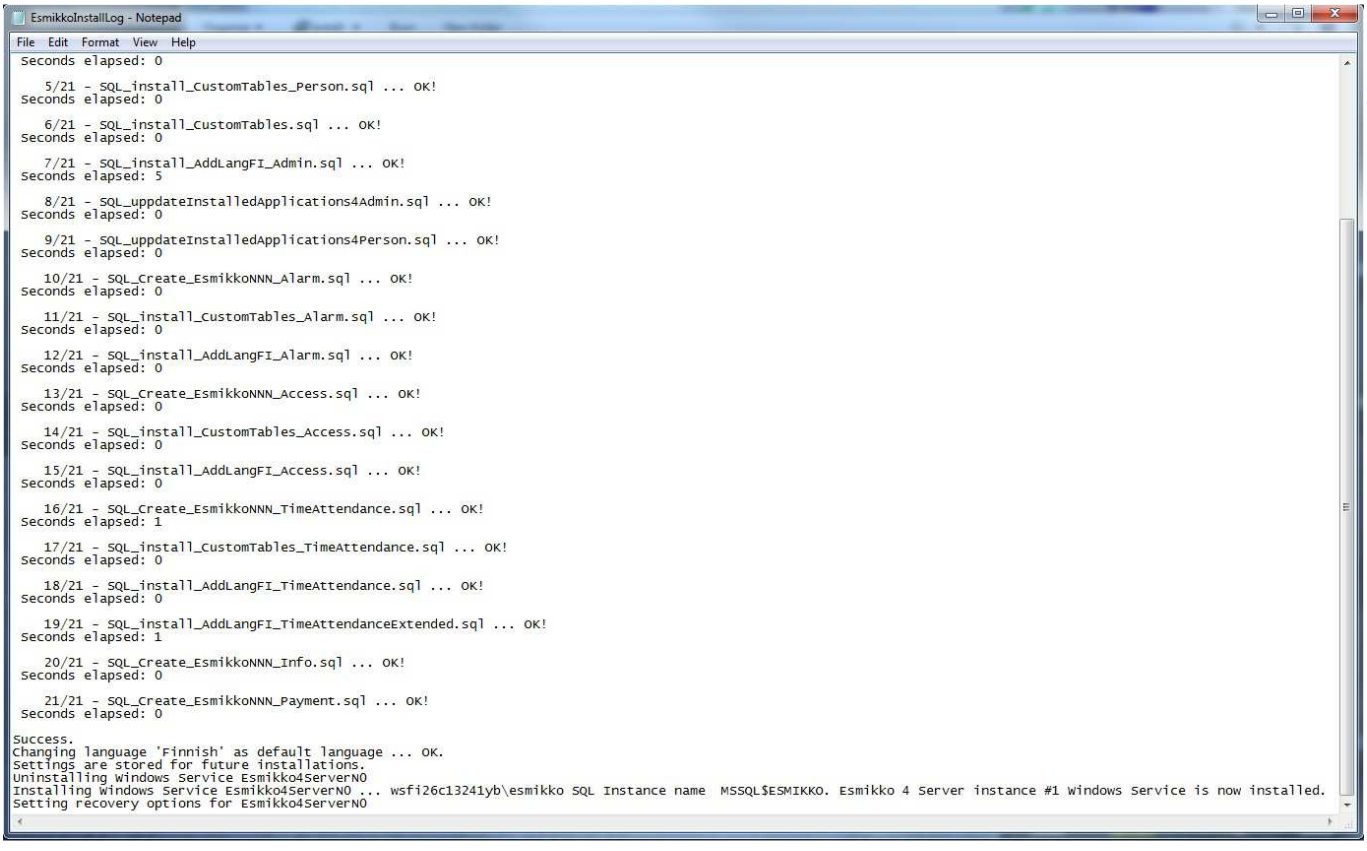
Installation is now completed you can close installation program with **Close** button


Esmikko Server 4.3.5B1 32-bit version
Installation Complete
Esmikko Server 4.3.5B1 32-bit version has been successfully installed.
Click "Close" to exit.
Please use Windows Update to check for any critical updates to the .NET Framework.
Cancel
< Back
Close


EsmikkoInstallLog - Notepad
File Edit Format View Help
Seconds elapsed: 0
5/21 - SQL_install_CustomTables_Person.sql ... OK!
Seconds elapsed: 0
6/21 - SQL_install_CustomTables.sql ... OK!
Seconds elapsed: 0
7/21 - SQL_install_AddLangFI_Admin.sql ... OK!
Seconds elapsed: 5
8/21 - SQL_uppdateInstalledApplications4Admin.sql ... OK!
Seconds elapsed: 0
9/21 - SQL_uppdateInstalledApplications4Person.sql ... OK!
Seconds elapsed: 0
10/21 - SQL_Create_EsmikkoNNN_Alarm.sql ... OK!
Seconds elapsed: 0
11/21 - SQL_install_CustomTables_Alarm.sql ... OK!
Seconds elapsed: 0
12/21 - SQL_install_AddLangFI_Alarm.sql ... OK!
Seconds elapsed: 0
13/21 - SQL_Create_EsmikkoNNN_Access.sql ... OK!
Seconds elapsed: 0
14/21 - SQL_install_CustomTables_Access.sql ... OK!
Seconds elapsed: 0
15/21 - SQL_install_AddLangFI_Access.sql ... OK!
Seconds elapsed: 0
16/21 - SQL_Create_EsmikkoNNN_TimeAttendance.sql ... OK!
Seconds elapsed: 1
17/21 - SQL_install_CustomTables_TimeAttendance.sql ... OK!
Seconds elapsed: 0
18/21 - SQL_install_AddLangFI_TimeAttendance.sql ... OK!
Seconds elapsed: 0
19/21 - SQL_install_AddLangFI_TimeAttendanceExtended.sql ... OK!
Seconds elapsed: 1
20/21 - SQL_Create_EsmikkoNNN_Info.sql ... OK!
Seconds elapsed: 0
21/21 - SQL_Create_EsmikkoNNN_Payment.sql ... OK!
Seconds elapsed: 0
Success.
Changing language 'Finnish' as default language ... OK.
Settings are stored for future installations.
Uninstalling Windows Service Esmikko4ServerNO
Installing Windows Service Esmikko4ServerNO ... wsfi26c13241yb\esmikko SQL Instance name MSSQL$ESMIKKO. Esmikko 4 Server instance #1 Windows Service is now installed.
Setting recovery options for Esmikko4ServerNO

If everything is OK you can close Notepad window and your Esmikko database server is installed.

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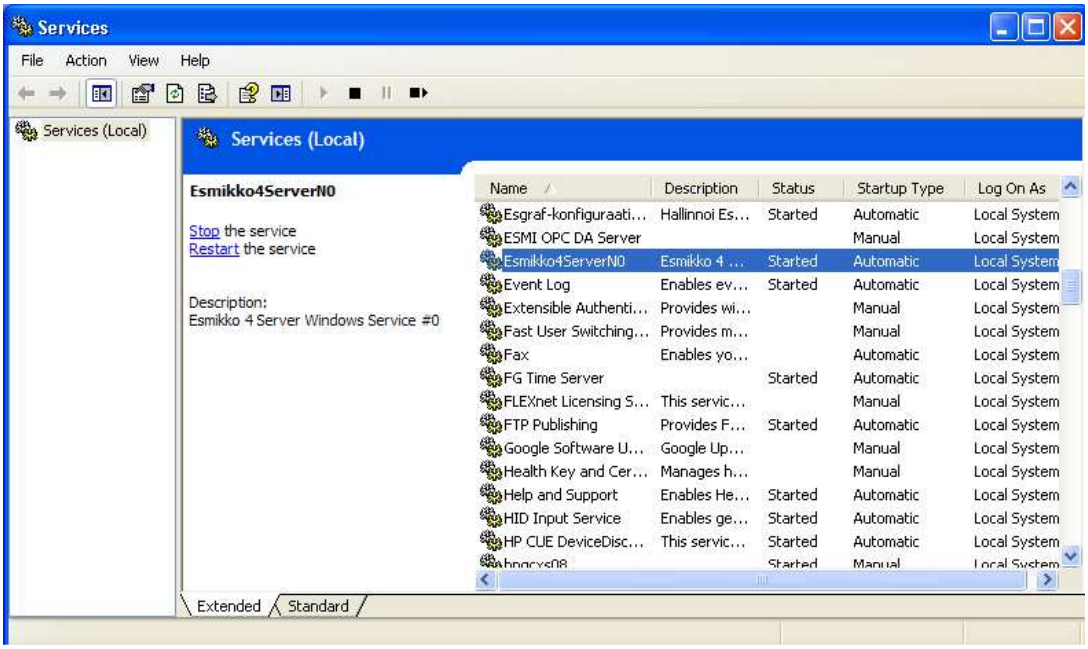
Staring Esmikko service at the first time

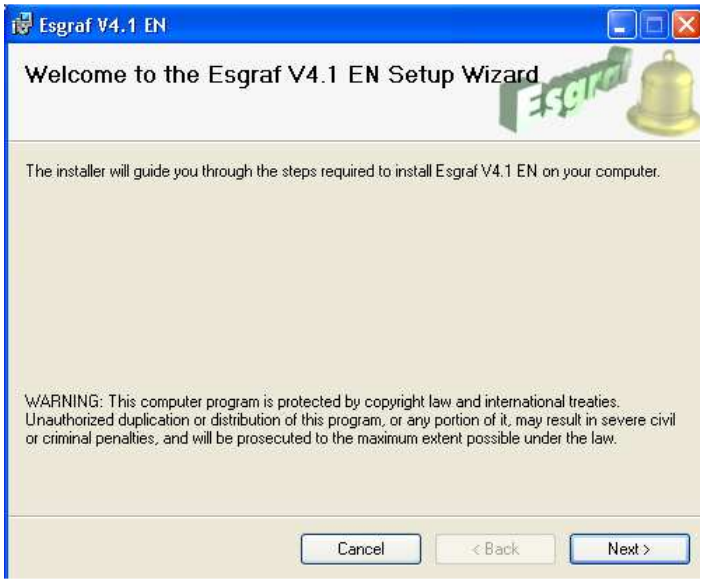

Services
File Action View Help
Services (Local)
Services (Local)
Esmikko4ServerN0
Stop the service
Restart the service
Description:
Esmikko 4 Server Windows Service #0
Name Description Status Startup Type Log On As
Esgraf-konfiguraati... Hallinnoi Es... Started Automatic Local System
ESMI OPC DA Server Manual Local System
Esmikko4ServerN0 Esmikko 4 ... Started Automatic Local System
Event Log Enables ev... Started Automatic Local System
Extensible Authenti... Provides wi... Manual Local System
Fast User Switching... Provides m... Manual Local System
Fax Enables yo... Automatic Local System
FG Time Server Started Automatic Local System
FLEXnet Licensing S... This servic... Manual Local System
FTP Publishing Provides F... Started Automatic Local System
Google Software U... Google Up... Manual Local System
Health Key and Cer... Manages h... Manual Local System
Help and Support Enables He... Started Automatic Local System
HID Input Service Enables ge... Started Automatic Local System
HP CUE DeviceDisc... This servic... Started Automatic Local System
Extended Standard

Go to **Control Panel – Administrative Tools – Services** and you will find new service **Esmikko4ServerN0**. You can see that startup type is automatic, meaning that service is starting up automatically after computer restart. You can now start Esmikko Service.

Esgraf alarm monitoring software

Before Esgaf installation install .Net3.5 (dotnetfx35.exe) and Visual C++ update (CV80redist_x86.exe) needed only Xp computers without servicepack 3.

Run **Esgraf.V4.1.8.EN.msi** from the installation CD.


Esgraf V4.1 EN
Welcome to the Esgraf V4.1 EN Setup Wizard
The installer will guide you through the steps required to install Esgraf V4.1 EN on your computer.
WARNING: This computer program is protected by copyright law and international treaties. Unauthorized duplication or distribution of this program, or any portion of it, may result in severe civil or criminal penalties, and will be prosecuted to the maximum extent possible under the law.
Cancel
< Back
Next >

Continue Esgraf Setup Wizard installation with **Next** button.

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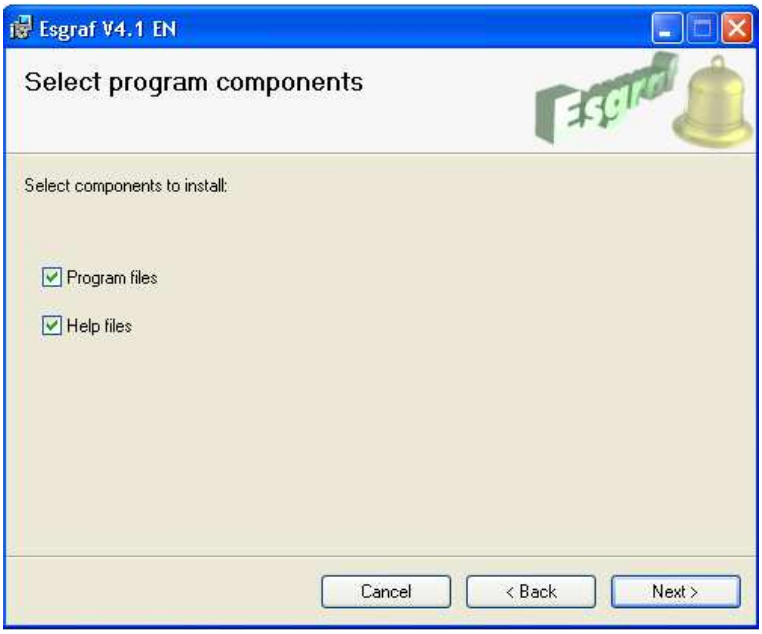
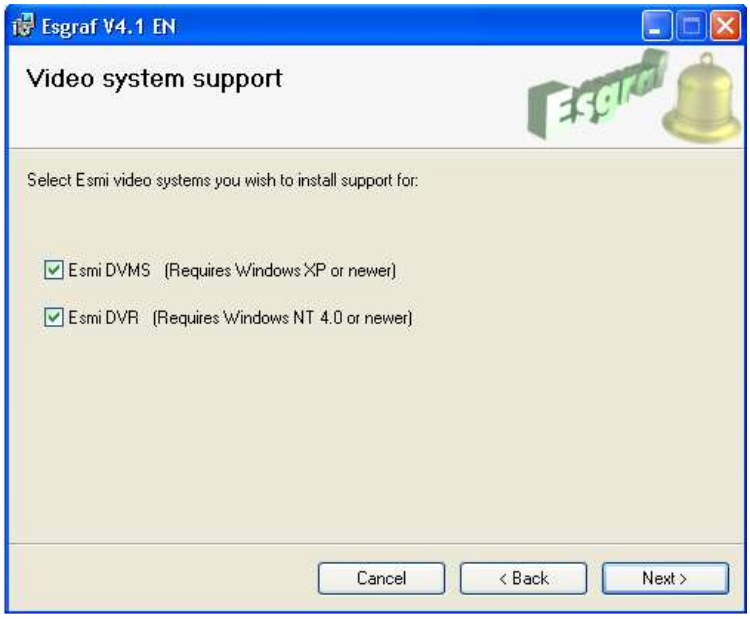


Select **Program files** and **Help files** and continue with **next**.


Esgraf V4.1 EN
Video system support
Select Esmi video systems you wish to install support for:
Esmi DVMS (Requires Windows XP or newer)
Esmi DVR (Requires Windows NT 4.0 or newer)
Cancel
< Back
Next >

If you need video integration now or in the future select support for Esmi DVMS. EsmiDVR support is for older Mirasys recorders.

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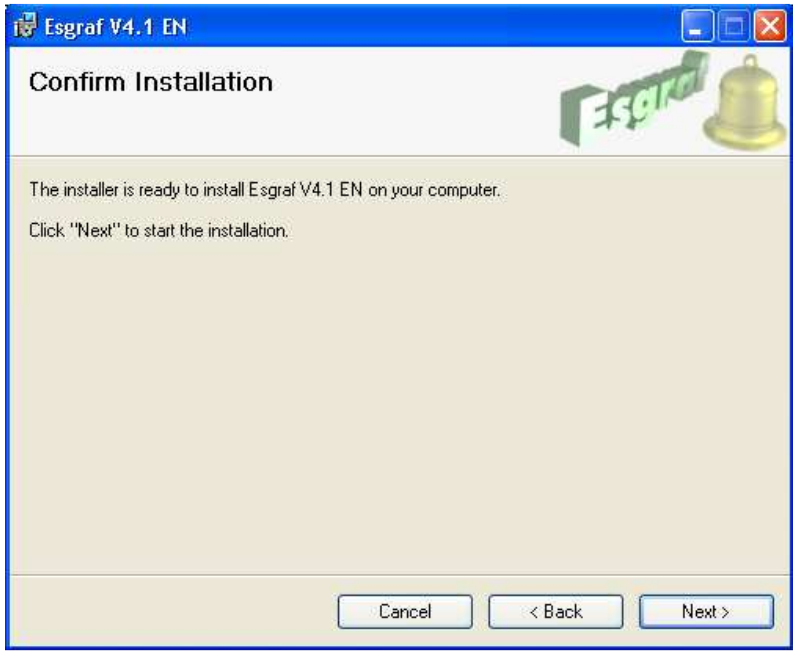
Esgraf V4.1 EN
Select Installation Folder
The installer will install Esgraf V4.1 EN to the following folder.
To install in this folder, click "Next". To install to a different folder, enter it below or click "Browse".
Folder:
C:\Program Files\Esgraf V4.1\
Browse...
Disk Cost...
Install Esgraf V4.1 EN for yourself, or for anyone who uses this computer:
Everyone
Just me
Cancel
< Back
Next >

Do NOT change the default selections. Installation folder should be default and the program is supposed to operate for all computer users. Click **next** button to continue the installation.


Esgraf V4.1 EN
Confirm Installation
The installer is ready to install Esgraf V4.1 EN on your computer.
Click "Next" to start the installation.
Cancel
< Back
Next >

Setup has collected the needed information and you may continue the installation by clicking the **next** button. Installation could take several minutes.

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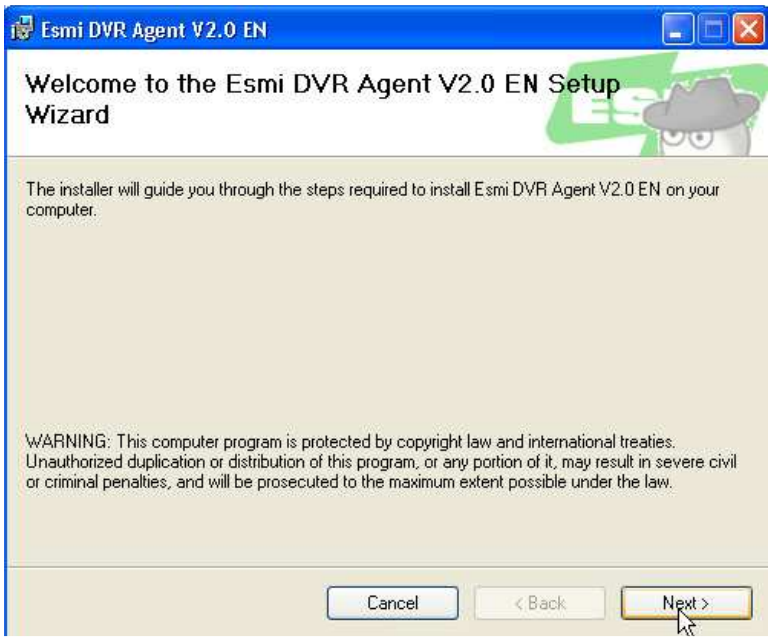
Esgraf V4.1 EN
Esgraf V4.1 EN Information
Esgraf 4.1 has now been installed!
Windows' Start menu now has an Esgraf V4.1 menu:
Esgraf startup
Document Startup help contains information about prerequisites for using Esgraf and creating and building Esgraf systems. Read it carefully before starting with Esgraf.
Starting Esgraf
Cancel
< Back
Next >

Esgraf 4.1 EN is now successfully installed on your computer. Exit with **Close** button.

IntegrationAgent installation

You need to install **EsmiDrvAgent** only if you have both Fire and Video integration to **Esgraf** and you would like to have functional feature between Fire systems and video monitoring system.

Start the installation by running **EsmiDvrAgent.V2.X.EN.msi** from the installation CD. Installation procedure is the same even the last number of Agent version is changing.


Esmi DVR Agent V2.0 EN
Welcome to the Esmi DVR Agent V2.0 EN Setup Wizard
The installer will guide you through the steps required to install Esmi DVR Agent V2.0 EN on your computer.
WARNING: This computer program is protected by copyright law and international treaties. Unauthorized duplication or distribution of this program, or any portion of it, may result in severe civil or criminal penalties, and will be prosecuted to the maximum extent possible under the law.
Cancel
< Back
Next >

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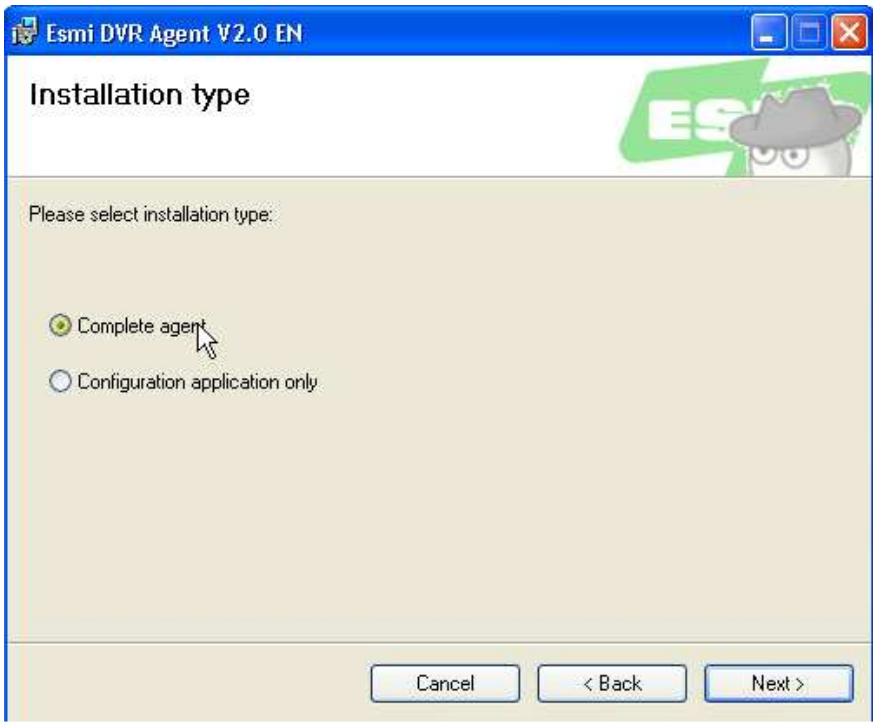
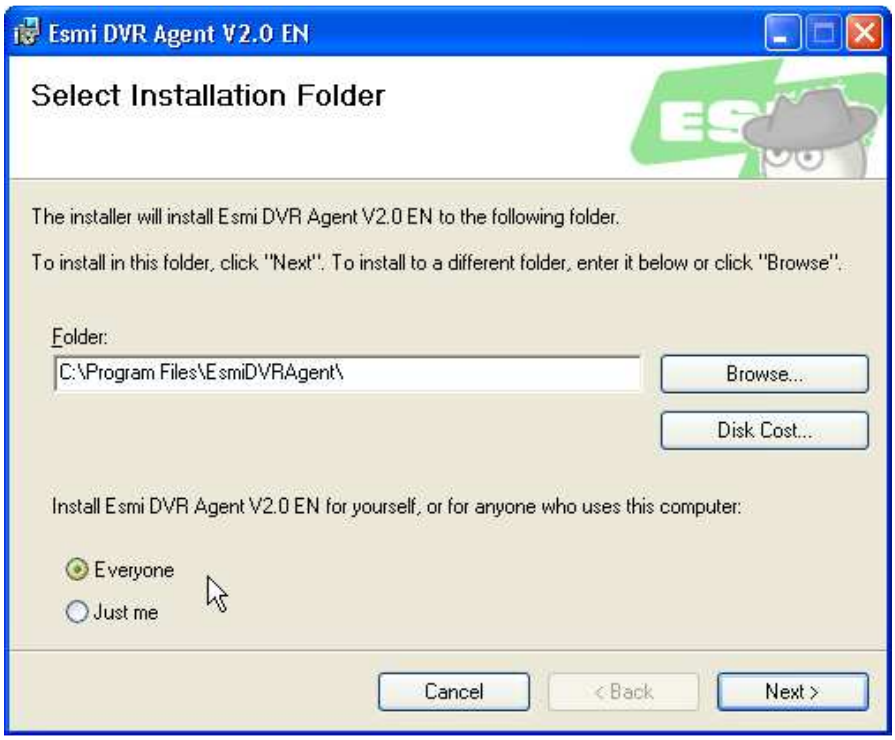
When Agent install shield starts continue installation by clicking the **next** button.



Select installation type **Complete agent** and by clicking the **Next** button.


Esmi DVR Agent V2.0 EN
Select Installation Folder
The installer will install Esmi DVR Agent V2.0 EN to the following folder.
To install in this folder, click "Next". To install to a different folder, enter it below or click "Browse".
Folder:
C:\Program Files\EsmiDVRAgent\
Browse...
Disk Cost...
Install Esmi DVR Agent V2.0 EN for yourself, or for anyone who uses this computer:
Everyone
Just me
Cancel
< Back
Next >

Installation folder should be default and the program is supposed to operate for all computer users. Choose option **Everyone** and then click **next** button to continue the installation.

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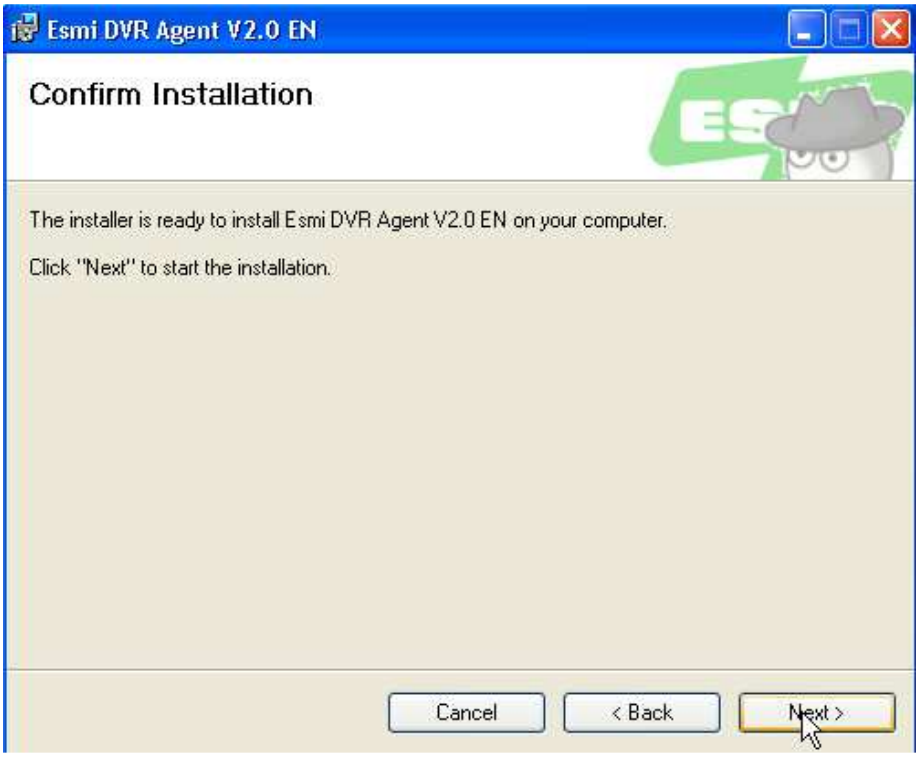
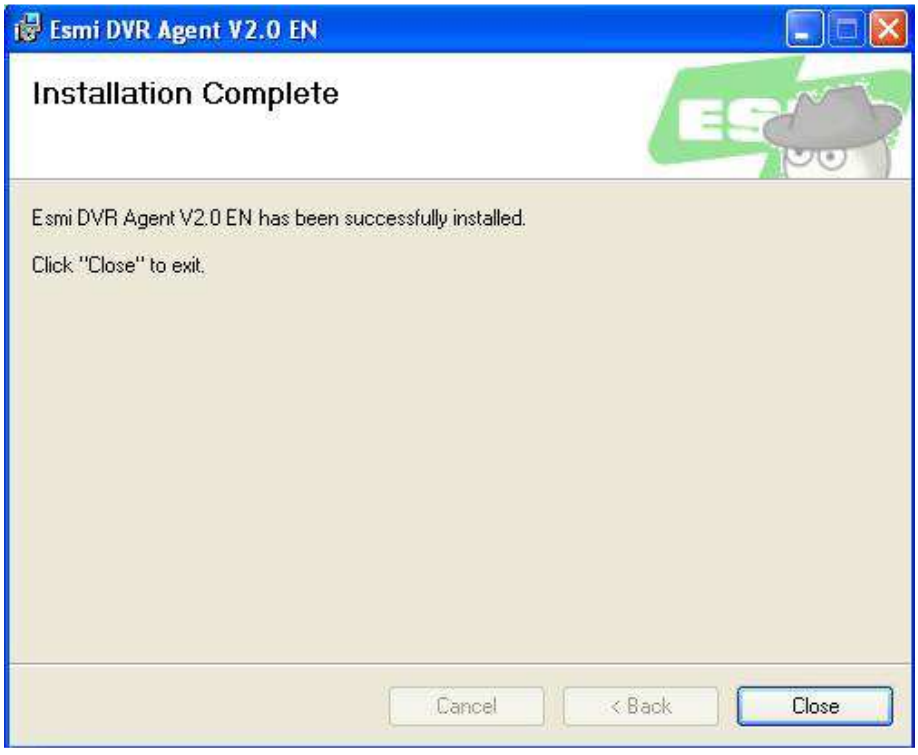

Esmi DVR Agent V2.0 EN
Confirm Installation
The installer is ready to install Esmi DVR Agent V2.0 EN on your computer.
Click "Next" to start the installation.
Cancel
< Back
Next >

Setup has collected the needed information and you may continue the installation by clicking the **Next** button.



EsmiDvrAgent.V2.X.EN is now successfully installed on your computer. Click **Close** to exit..

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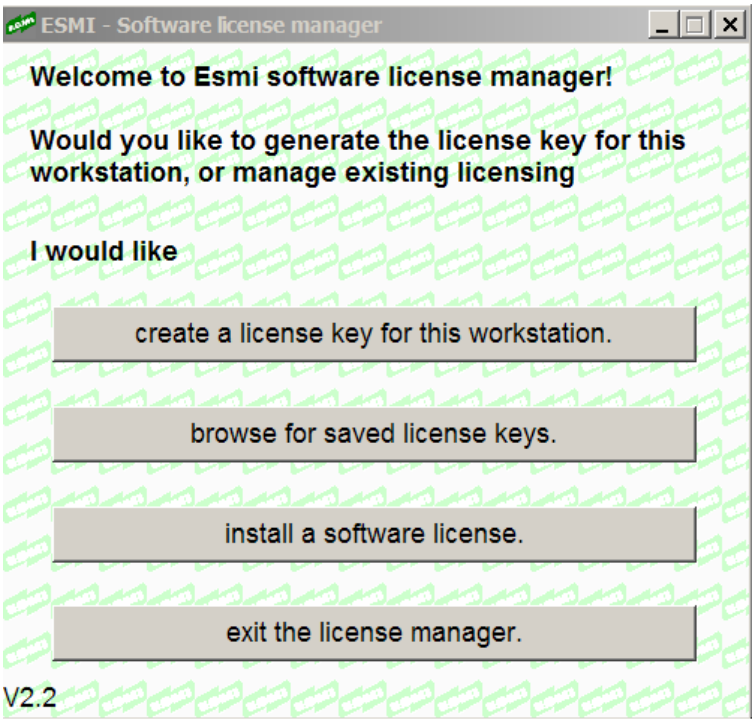
Licensing software

Now after all these installations you have to create license keys. You will find the licensing software **Esmilicense.exe** is on you installation CD.


ESMI - Software license manager
Welcome to Esmi software license manager!
Would you like to generate the license key for this workstation, or manage existing licensing
I would like
create a license key for this workstation.
browse for saved license keys.
install a software license.
exit the license manager.
V2.2

Run this program and select button **create a license key for this workstation**.

ESMI - Software license manager
Changing the name of this computer later will also change the license key. The current name of this computer is
Do you wish to create a license key for this computer with the current name?
Yes
No

Notice! If you later change the computer name, your license key would NOT more work with the program. When you are sure about the computer name, click **Yes** to continue.

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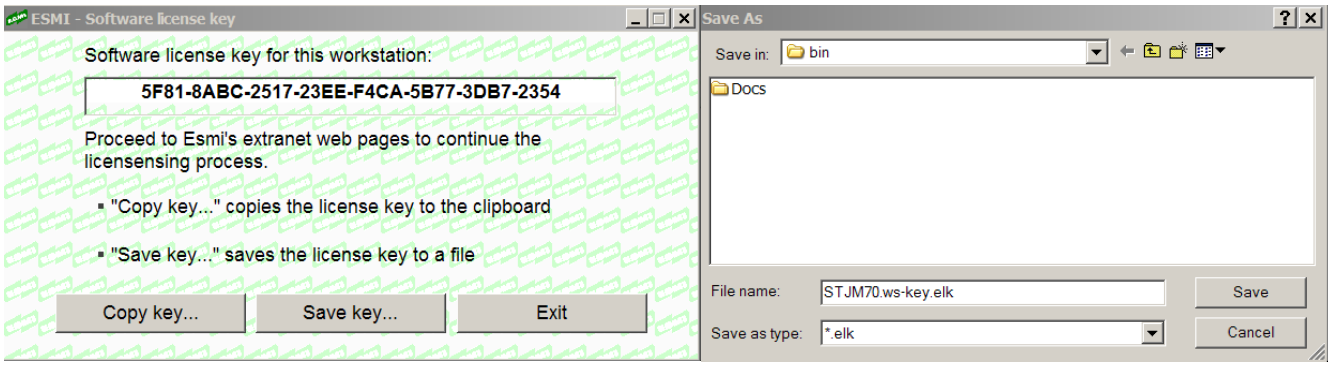
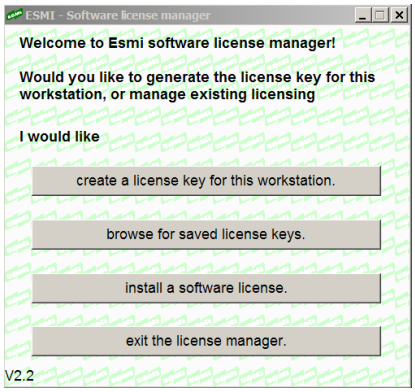
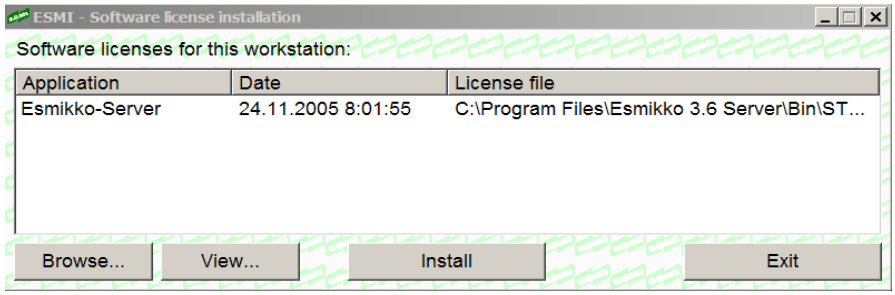
When the program has calculated the license key, press button **Save key ...** and the program saves an **.elk** file (esmi license key).



After you have saved this license key (.elk file) send it by e-mail to jari.vare@pelco.com. Be sure that you also give your client information and which programs license you need. After a moment you will receive an **.esl** file or files (esmi software license).

Save all your **.els** files to your Esgraf computer and use again **Esmilicense.exe** file to install your license. Click on **install a software license** and in the next menu browse to find your license file.


ESMI - Software license manager
Welcome to Esmi software license manager!
Would you like to generate the license key for this workstation, or manage existing licensing
I would like
create a license key for this workstation.
browse for saved license keys.
install a software license.
exit the license manager.
V2.2



From the Software license list select your license file (marked blue after selection) and press **Install** button. If you have several licenses, you have to install them one by one.

After license installation you need to start the **Esmikko** service manually from **start menu – control panel – administrative tools – services**.

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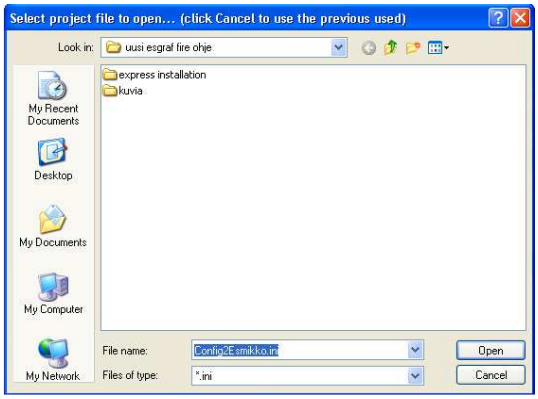
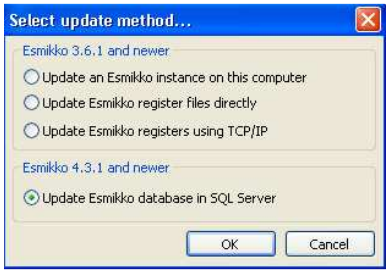
Importing fire panel configuration to Esmikko server

Tool for converting fire panel configuration file to Esmikko server is named **Config2Esmikko**. Copy this application from the installation CD to your computer and run it.

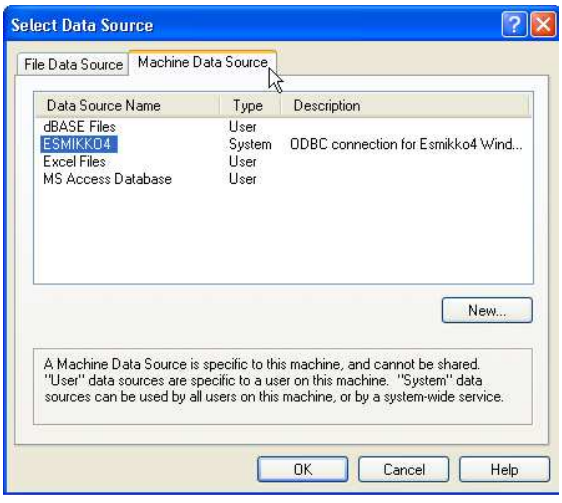
In the first question you need to give name for your project file. You can use default name or name your project as you will.



Next question is about update method, for now on in fresh installation we are using Esmikko4 database, so we select **Update Esmikko database in SQL Server**


Select update method...
Esmikko 3.6.1 and newer
Update an Esmikko instance on this computer
Update Esmikko register files directly
Update Esmikko registers using TCP/IP
Esmikko 4.3.1 and newer
Update Esmikko database in SQL Server
OK
Cancel

Next setup needs to know how to connect to the database and from the opened menu select **Machine Data Source** page, from there you can find **ESMIKKO4** data source(only if you are running Config2Esmikko in the same computer where you install Esmikko database). Select **Esmikko4** and press **OK**



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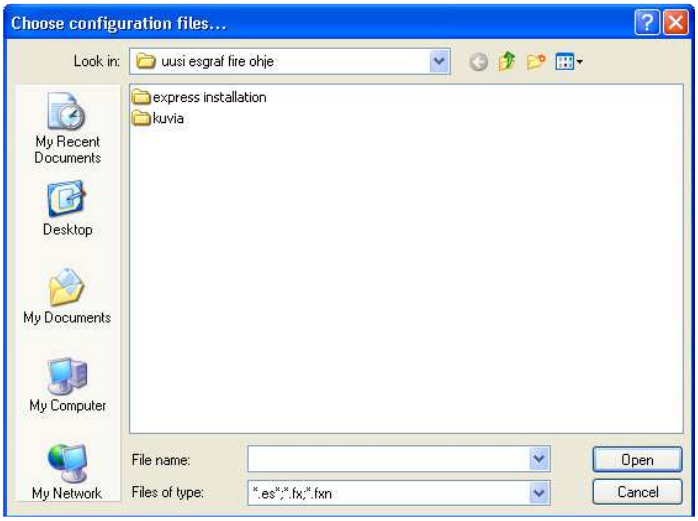
You will see SQL server Login menu, normally you can use Trusted Connection and just press **OK.**

Next question asks location of fire panel configuration file (files), give the location and select configuration files and press **Open**



If Esmikko database is empty, configuration tool recognise it and asks if this system is used only as fire server and normally when we do not use access control units this server we answer **Yes**

Config2Esmikko
The Esmikko configuration is currently empty.
Will this Esmikko service be used only as the fire detection system server?
Yes
No

Installation wizard helps us forward and tell that first we need to define connection details

Config2Esmikko
First we need to define the channel through which the fire detection system will communicate with Esmikko.
Set the channel configuration as needed or use the default.
OK

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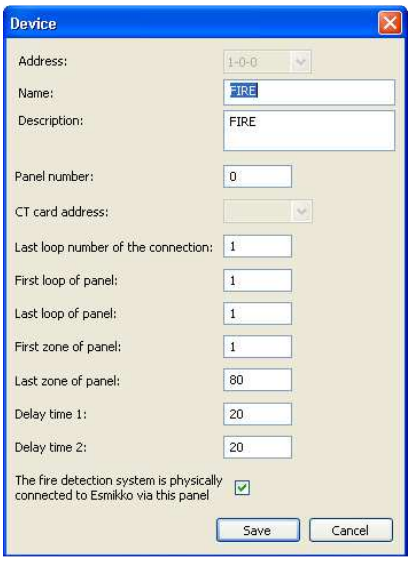
Only thing that we need to define/check is serial channel settings: what com port we are using and the speed of connection. Parameters 8N1 means 8 data pits, No parity and 1 Stop bit and they are right.

Next we define device for fire panel

Config2Esmikko
Now we need to define a fire panel device for the connection.
Check and accept the configuration for this device.
OK

Configuration program reading this information from fire panels configuration file and we just acknowledge it with **Save** button



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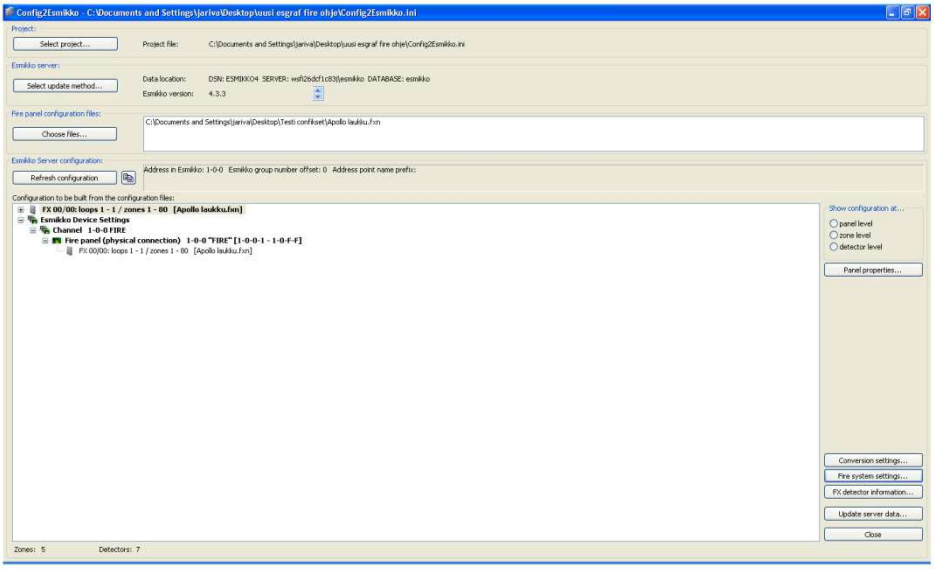
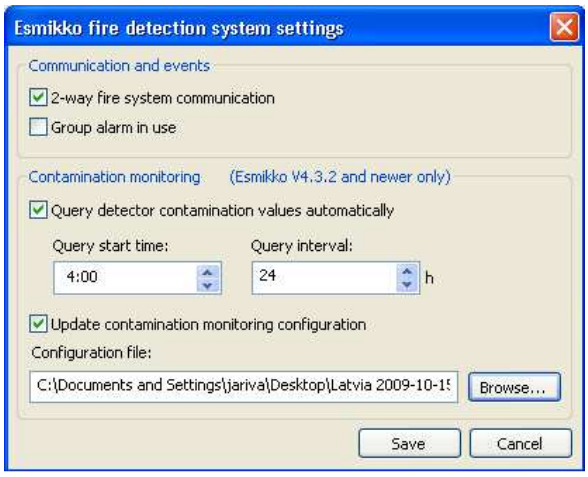
Now the basic information is in conversion program, next we have to set up **Fire System Settings**



We set communication as **2-way communication** to be able make controls from Esgraf, if we are using fire detector contamination monitoring we need to set up **Query time** and **Query interval** and last we need to upload **Contamination monitoring configuration file** located root directory of installation CD (ContaminationSetup_EN.cfg) **Save** settings.



In FX detectors information menu we select option **Use exact detector types**, save this selecting **OK**

FX detectors
Use exact detector types
Use generic detector types
Only generic types work with Esgraf V2.9.
Exact types work with Esgraf versions newer than V2.9.
OK
Cancel

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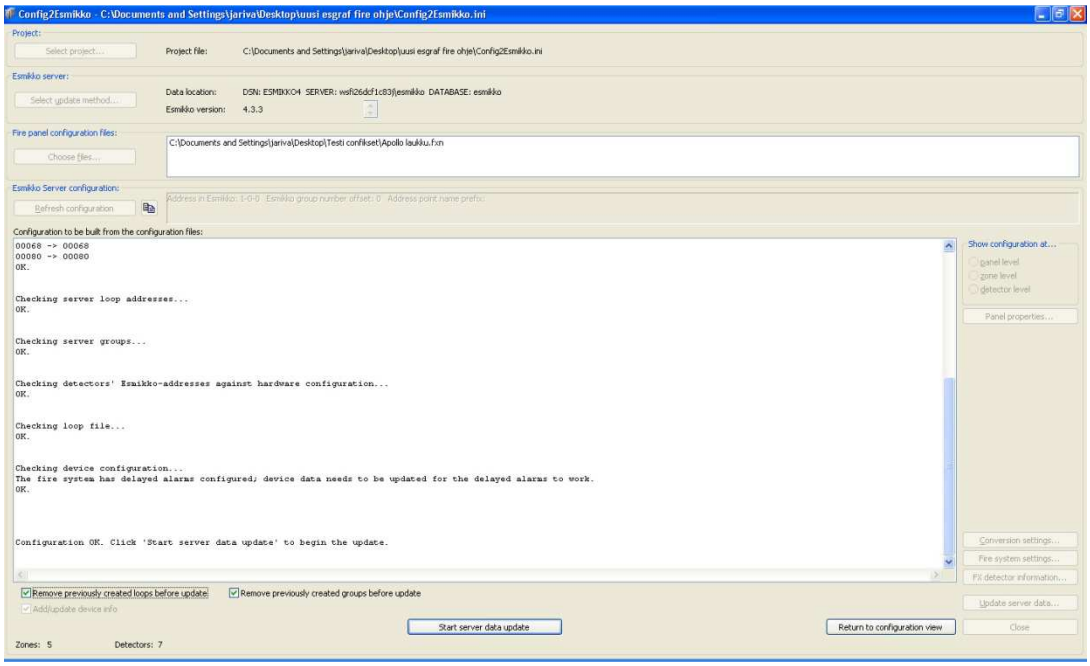
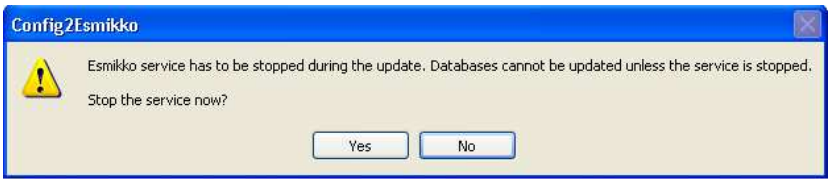
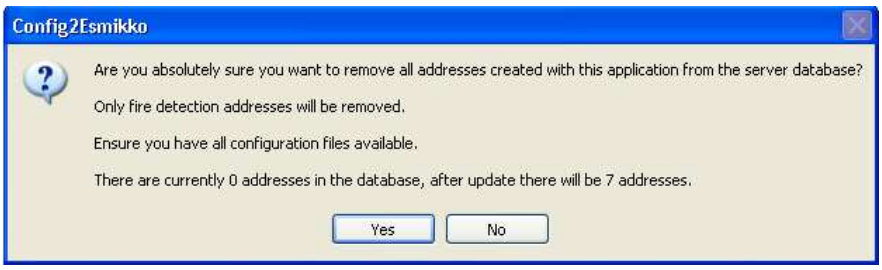
Now we can start server update by selecting **Update server data** button, program is checking the configuration and if there is no error we can start the database update after we have selected **Remove previously created loops before update** and **Remove previously created groups before update**. Update starts by pressing **Start server data update**



Before update Esmikko service needs to be stopped, configuration program will do that when we acknowledge this message with **OK** button (NOTE ! to do this user needs admin user rights)


Config2Esmikko
Esmikko service has to be stopped during the update. Databases cannot be updated unless the service is stopped.
Stop the service now?
Yes
No

And an other warning **Yes** we want to do this


Config2Esmikko
Are you absolutely sure you want to remove all addresses created with this application from the server database?
Only fire detection addresses will be removed.
Ensure you have all configuration files available.
There are currently 0 addresses in the database, after update there will be 7 addresses.
Yes
No

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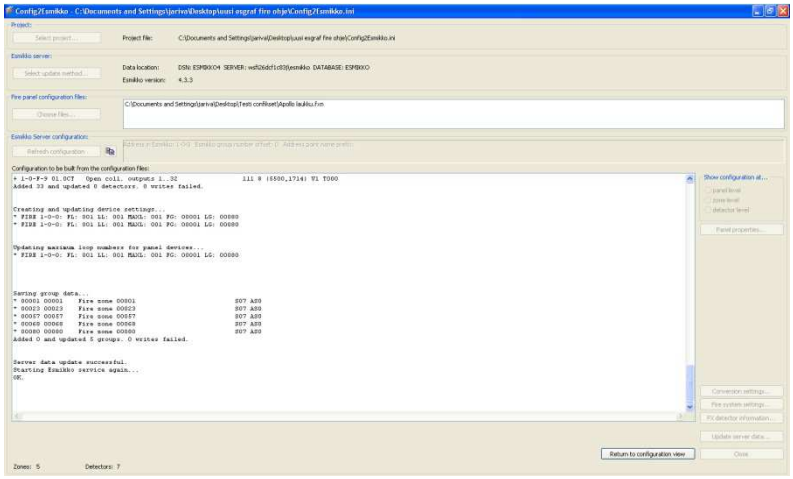
Yes we want also remove old groups

Config2Esmikko
Are you absolutely sure you want to remove all groups created with this application from the server database?
Only fire detection groups will be removed.
Ensure you have all configuration files available.
Yes
No

Now fire configuration is uploaded into database server, we can **Return to configuration view** and close conversion program



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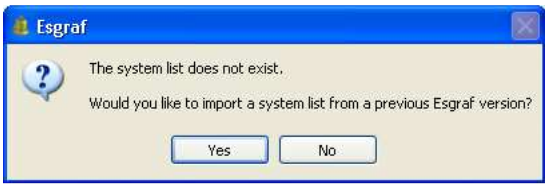
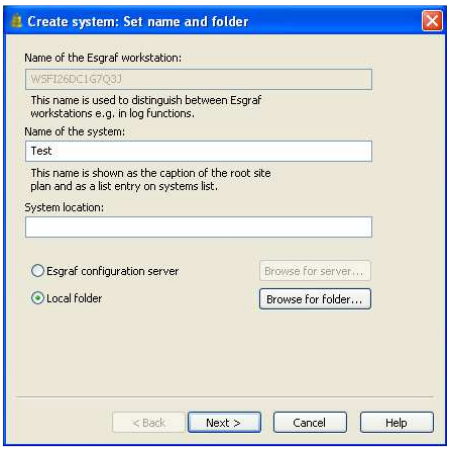
Starting Esgraf at first time

Double click with your left mouse button **Esgraf icon** on your desktop or open it from the startup menu.



Now Esgraf is ready for first time installation

Now we can create or import new system, in fresh installation we normally **Create** one


Create system; Set name and folder
Name of the Esgraf workstation:
WSFI26DC1G7Q3J
This name is used to distinguish between Esgraf workstations e.g. in log functions.
Name of the system:
Test
This name is shown as the caption of the root site plan and as a list entry on systems list.
System location:
Esgraf configuration server
Browse for server...
Local folder
Browse for folder...
< Back
Next >
Cancel
Help

With Esgraf 4 you have two installation **option 1. install Esgraf locally** as earlier or you can install **option 2. Esgraf to configuration server**.

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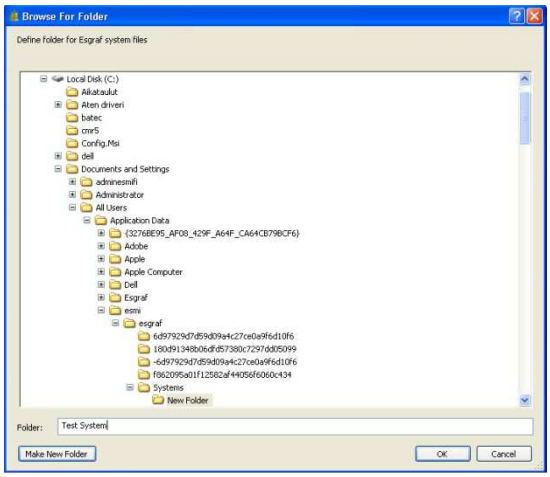
Option 1

You need to define a name for your system. You may choose the system folder path with **Browse for folder** button. We recommend the location for your system folder to be under **Esgraf** home directory.



In this menu it's possible to create and name your system folder as you wish. After you have done the new system folder accept it with **OK** button.

Esgraf
After this, you cannot change the system folder.
Do you want to create the system in folder 'C:\DOCUMENTS AND SETTINGS\ALL USERS\APPLICATION DATA\ESMI\ESGRAF\SYSTEMS\NEW FOLDER\'?
Yes
No

Esgarf gives you a warning message that after acceptance you can NOT change system folder anymore. Check the path before you accept it. Next phase is to create connections for our Esgarf. At least one Esmikko connection is required in our cases when we are using Esmikko4 or fire server.

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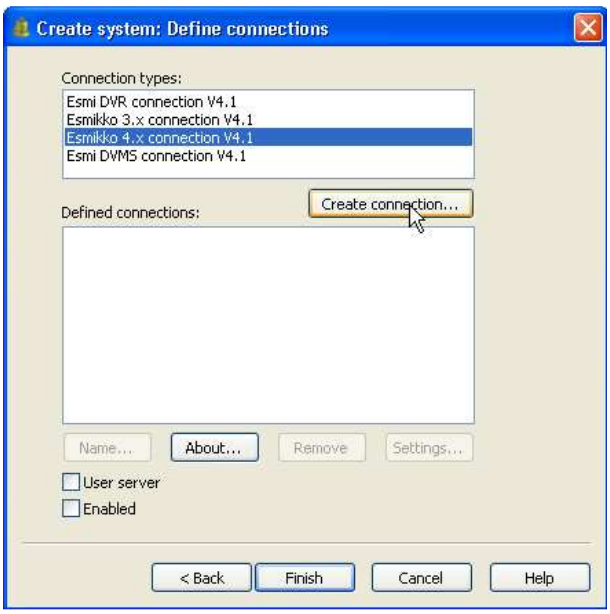

Choose **Esmikko 4.x connection V4.1** from the list and press **Create connection** button.

We have to define a name for our connection. There can be up to 64 Esmikko connections in one Esgraf and each of them needs a unique name.

Select from database connection type **SQL Server name or address** and define **computer name\instance name** (like in SQL installation). Into field **Authentication service address**, give your database computer address You can test connection by **Test connection**… button. Accept settings with **OK** button.

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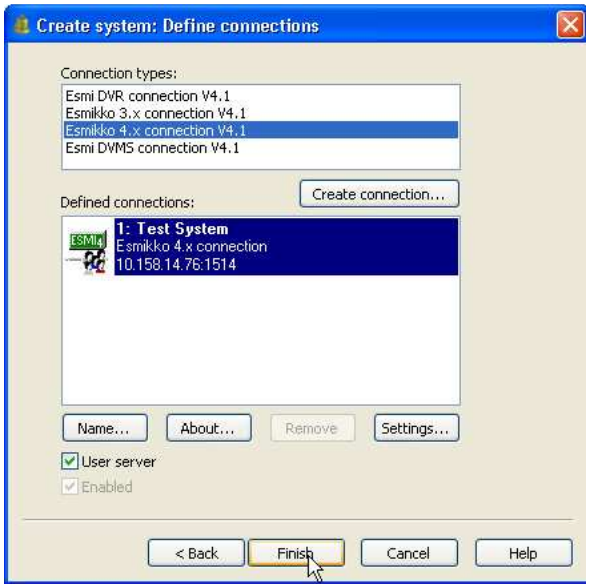
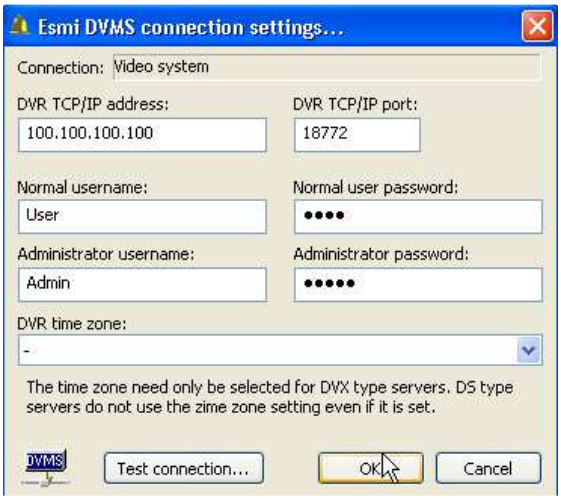


If video integration is also used we need to add at least one DVMS connection. In DVMS settings we need to define connection address of the DVMS. Port number is pre defined as in Esmikko connection and we should not change it.



Define DVMS connection for **Normal username** and **Administrator username**. Best way to do this is create one normal and one administrator user in DVMS only for graphics use, after this we simply give this user information in Esgraf connection setup.

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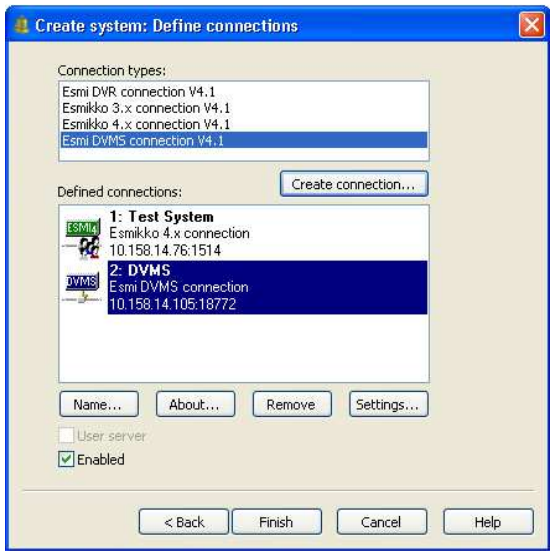
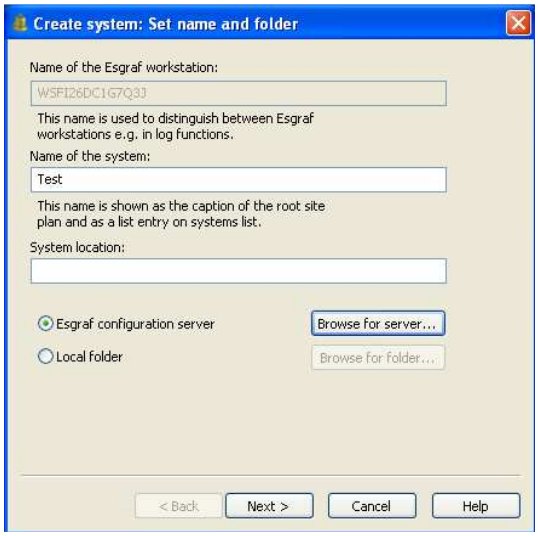
Notice that if you have several Esmikko servers at least one of them must be defined as a user server.



After finishing setup you will see Esgraf login window. Username for new system is **esmi** without password.

Option 2. Installation to configuration server. Select option **Esgraf configuration server** and press **Browse for server…** button


Create system: Set name and folder
Name of the Esgraf workstation:
WSFI26DC1G7Q3J
This name is used to distinguish between Esgraf workstations e.g. in log functions.
Name of the system:
Test
This name is shown as the caption of the root site plan and as a list entry on systems list.
System location:
Esgraf configuration server
Browse for server...
Local folder
Browse for folder...
< Back
Next >
Cancel
Help

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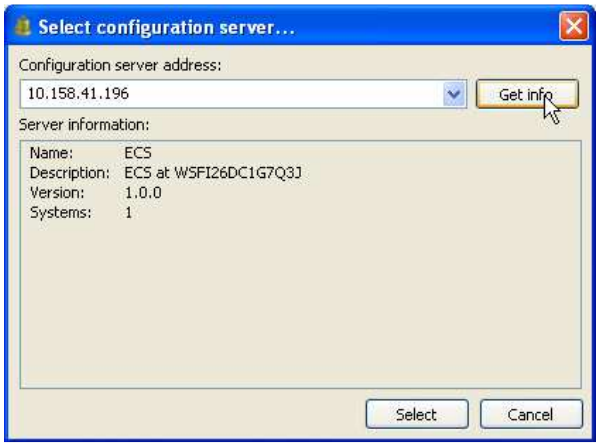
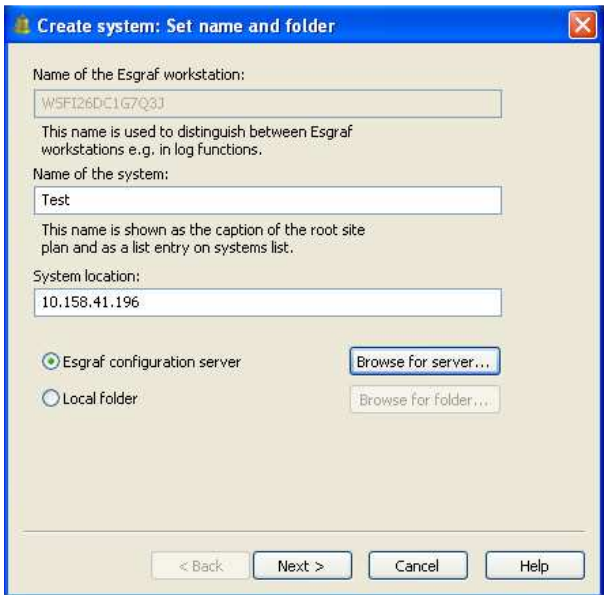
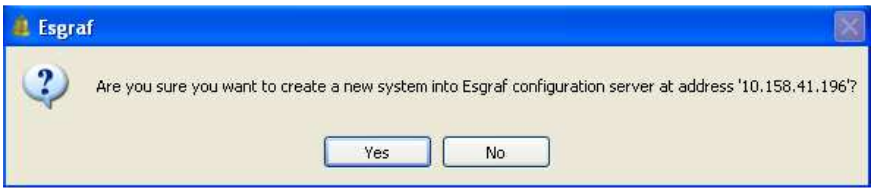
Give address/name of the computer where ESC (EsgrafconfiguraionServer) is located and press button **Get info**, ECS information appears if connection to server is OK. Continue with **Select** Button.



System location: field shows now address/name of the computer where ECS is located. Continue installation selecting **Next>** button.


Create system: Set name and folder
Name of the Esgraf workstation:
W5FI26DC1G7Q3J
This name is used to distinguish between Esgraf workstations e.g. in log functions.
Name of the system:
Test
This name is shown as the caption of the root site plan and as a list entry on systems list.
System location:
10.158.41.196
Esgraf configuration server
Browse for server...
Local folder
Browse for folder...
< Back
Next >
Cancel
Help

Installation ask if you really want create system to this address, select **Yes**



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You must give ECS password (this password is defined during ECS setup, see ECS documentation)

Rest of the installation follows as installation of stand alone Esgraf workstation.

Finally you have come to the Esgraf log in menu.

All new Esgraf installations use following username and password.
Username: esmi
Password:
Notice! No password is needed, leave it empty.

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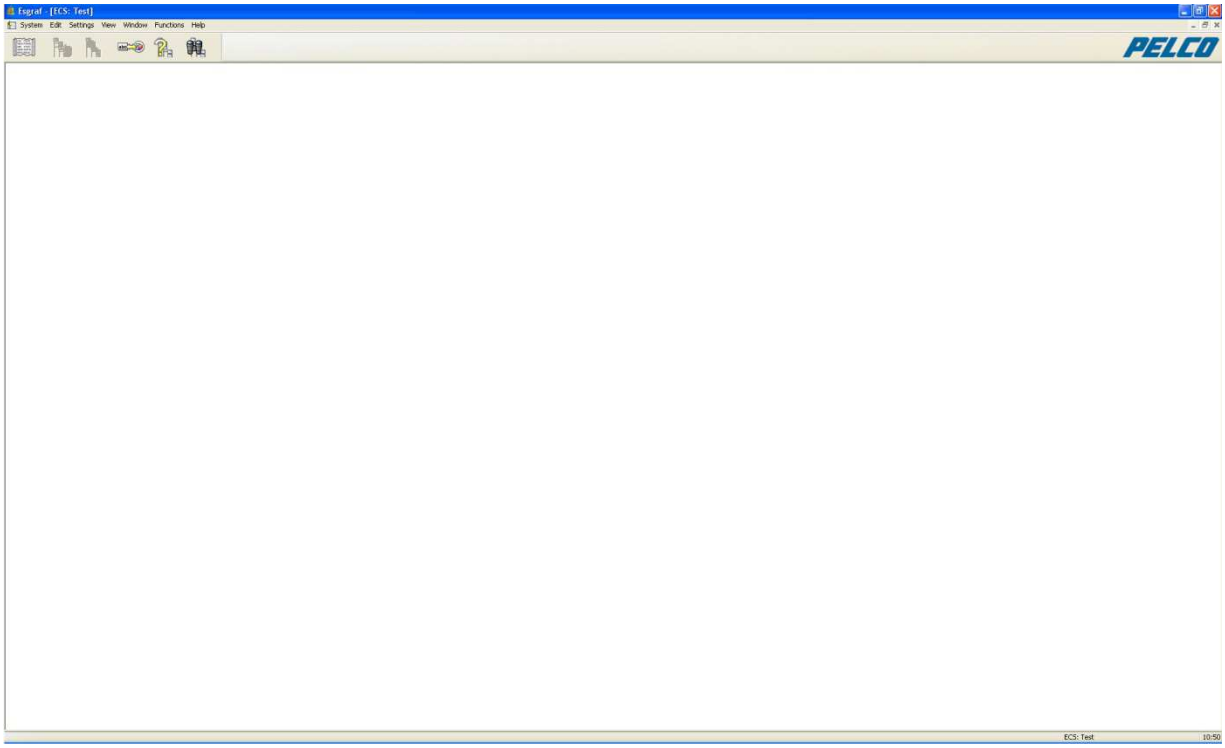
Congratulations! Now you have installed successful the Esgraf Fire with video connections.

In the beginning the starting screen is empty. Please read additional Esgraf user manual how to: building of picture hierarchy and placing detectors, monitoring devices and cameras fire zones.



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